U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Western Tar Products - Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #2**
Western Tar Products
B5SS
Terre Haute, IN
Latitude: 39.4397790 Longitude: -87.4237521

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From: Verneta Simon, On-Scene Coordinator
Date: 8/24/2011
Reporting Period:

1. Introduction

1.1 Background

Site Number: B5SS **Contract Number:**

D.O. Number:		**Action Memo Date:**	9/8/2009
Response Authority:	CERCLA	**Response Type:**	PRP Oversight
Response Lead:	PRP	**Incident Category:**	
NPL Status:	Non NPL	**Operable Unit:**	
Mobilization Date:		**Start Date:**	5/5/2011
Demob Date:		**Completion Date:**	
CERCLIS ID:		**RCRIS ID:**	
ERNS No.:		**State Notification:**	
FPN#:		**Reimbursable Account #:**	

1.1.1 Incident Category

Former Railroad Tie Manufacturing Facility

1.1.2 Site Description

See POLREP 1

1.1.2.1 Location

2525 Prairieton Road, Terre Haute, Vigo County, Indiana

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

Following the test trench and soil boring sampling event from January 26, 2011 through January 31, 2011, on July 13, 2011, START and Keramida personnel were on site to conduct sediment and tar sampling activities along the Wabash River.

Keramida collected sediment cores using manual coring techniques with a steel coring head on an extension pole, a slam bar, and plastic liner at each location. Samples were collected by START and Keramida personnel while aboard a small watercraft and the core sampler was decontaminated between each location. A total of five sampling transects were planned for Keramida and two for START. Four of the Keramida transects were planned downstream of the tar impacted section of the riverbank and one was planned upstream. The two transects completed by START were intended to coincide with investigative sediment sample activities conducted by Keramida and would be determined in the field based on the presence of tar. Each transect initially consisted of three sampling points: one near shore, the second mid-river, and the third opposite near shore with two sediment samples collected at each location from intervals of 0-6 inches and 6-12 inches below sediment surface (bss).

The presence of impenetrable materials such as cobbles and/or debris on the riverbed prevented the core sampler from advancing and resulted in consistent sediment refusal either at the sediment surface or within the 0-6 inch interval. Moderate water opacity prevented clear riverbed visibility during sediment sampling activities. Keramida was able to collect 11 of the 15 sampling locations that were initially proposed and START was able to collect four of the six initially planned sampling locations. Each

location was attempted three times before moving to a step out location a minimum 15 feet away. If no sediment could be recovered, the location was abandoned. Samples were processed on the shore according to the approved Sampling and Analysis Plan.

In total, START collected four sediment samples from the Wabash River and one tar sample from the Wabash River shoreline/overbank. Keramida collected sediment samples at 11 locations in the Wabash River. Of the sediment and tar samples collected, three Keramida sediment samples, one START sediment sample, and the tar sample were collected along the cut-bank portion of the river. Soil, sediment, and tar samples collected by START and Keramida are shown on the Sampling Locations figure located under the Documents section http://www.epaosc.org/site/doc_list.aspx?site_id=6654.

- START sediment and tar sample information was as follows:
  - WTS-SS06 – Sediment sample interval of 0-6 inches bss;
  - WTS-SS07 – Sediment sample interval of 0-6 inches bss;
  - WTS-SS08 – Sediment sample interval of 0-6 inches bss;
  - WTS-SS09 – Sediment sample interval of 0-6 inches bss; and
  - WTS-FP – Tar sample interval of 0-6 inches below ground surface (bgs).
- Keramida sediment sample information was as follows:
  - SS1 – Sediment sample intervals of 0-6 inches and 6-9 inches bss;
  - SS2 – Sediment sample intervals of 0-6 inches bss;
  - SS3 – Sediment sample intervals of 0-6 inches and 6-9 inches bss;
  - SS4 – Sediment sample intervals of 0-3 inches bss;
  - SS5 – Sediment sample intervals of 0-6 inches bss;
  - SS6 – Sediment sample intervals of 0-6 inches bss;
  - SS7 – Sediment sample intervals of 0-6 inches bss;
  - SS8 – Sediment sample intervals of 0-6 inches bss;
  - SS9 – Sediment sample intervals of 0-6 inches bss;
  - SS10 – Sediment sample intervals of 0-6 inches bss; and
  - SS11 – Sediment sample intervals of 0-6 inches bss.

Sediment and tar samples collected by START were sent to STAT Analysis Corporation in Chicago, IL for VOC and SVOC analysis. Sample results are provided on the Sediment and Tar Detections figure located under the "documents" section of this website http://www.epaosc.org/site/doc_list.aspx?site_id=6654. Sediment samples collected by Keramida were sent to Pace Analytical in Indianapolis, IN for BTEX, PAH, and 2-chloronapthalene analysis. Results of sediment sampling from July 13, 2011 and of soil sampling conducted by Keramida from January 26, 2011 through January 31, 2011 are provided in the Site Investigation Report located under the "documents" section of this website http://www.epaosc.org/site/doc_list.aspx?site_id=6654.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

The UAO was issued on February 9, 2011, however, CAVU Ops did not indicate until May 5, 2011 that they would comply with the UAO. A copy of the UAO is in the "documents" section of this website.

2.1.4 Progress Metrics

Waste Stream	*Medium*	*Quantity*	*Manifest #*	*Treatment*	*Disposal*
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2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

- Remediation based on the results from test trenches, soil borings, sediment, and tar sampling results.

2.2.1.2 Next Steps

2.2.2 Issues

Not applicable.

2.3 Logistics Section

Not applicable.

2.4 Finance Section

2.5 Safety Officer

A site health and safety plan was signed by all personnel present.

2.6 Liaison Officer

Not applicable.

2.7 Information Officer

2.7.1 Public Information Officer

Not applicable.

2.7.2 Community Involvement Coordinator

Not applicable.

3. Participating Entities

3.1 Unified Command

Indiana Department of Environmental Management

3.2 Cooperating and Assisting Agencies

Not applicable.

4. Personnel On Site

2 START – Weston Solutions, Inc.
3 Keramida, Inc.

5. Definition of Terms

IDEM – Indiana Department of Environmental Management
OSC – On-Scene Coordinator
START – Superfund Technical Assessment and Response Team
U.S.EPA – United States Environmental Protection Agency
ASAOC - Administrative Settlement Agreement on Consent
UAO - Unilateral Administrative Order

6. Additional sources of information

6.1 Internet location of additional information/reports

For additional information, please refer to "Documents" on www.epaosc.org/.

6.2 Reporting Schedule

The next POLREP will be submitted at a date to be determined.

7. Situational Reference Materials

For additional information, please refer to "Documents" on www.epaosc.org/.